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**1 Cultured neurons coupled to microelectrode arrays: circuit models, simulations and experimental data**

Martinoia, S.; Massobrio, P.; Bove, M.; Massobrio, G.;  
Biomedical Engineering, IEEE Transactions on , Volume: 51  
, Issue: 5 , May 2004  
Pages:859 - 863

[Abstract] [PDF Full-Text (248 KB)] IEEE JNL

**2 Synchronization phenomena in pulse-coupled networks driven by spike-train inputs**

Torikai, H.; Saito, T.;  
Neural Networks, IEEE Transactions on , Volume: 15 , Issue: 2  
, March 2004  
Pages:337 - 347

[Abstract] [PDF Full-Text (560 KB)] IEEE JNL

**3 Fault diagnosis in electronic circuits based on bilinear transformation in 3-D and 4-D spaces**

Czaja, Z.; Zielonko, R.;  
Instrumentation and Measurement, IEEE Transactions on  
, Volume: 52 , Issue: 1 , Feb. 2003  
Pages:97 - 102

[Abstract] [PDF Full-Text (546 KB)] IEEE JNL

**4 A model-independent definition of attractor behavior applicable to interactive tasks**

Hodgson, A.J.; Hogan, N.;  
Systems, Man and Cybernetics, Part C, IEEE Transactions on

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